

KEEPING ROADWORKS
OUT OF THE SLOW LANE



MTS MAKES SURE TRAFFIC FLOW THROUGH ROADWORKS DOESN'T MISS A BEAT.



When widening works began at the Dartford Tunnel in 2007, contractor COSTAIN wanted a fresh approach to help keep traffic flowing through the works. The solution?

DRUM, the Dynamic Roadspace Utilisation Manager from MTS and TRL.

This innovative combination of high-tech hardware (MTS) and dynamic software (TRL) allowed the contractor to work on the network outside the times allotted by the Highways Agency. DRUM works by using the MTS T25 solar-powered autonomous trailer fitted with SmartSensor HD side-fired high definition radar to acquire live, real time data on traffic flow. By processing and overlaying this live data on to historical data, the system can predict the optimum time for lane closures, improving the pace at which roadworks can be undertaken and potentially delivering more than 20 extra working hours a week. This flexible way of working also benefits the road user by improving journey times without compromising safety.

Howard Dukes, Traffic Management Manager at COSTAIN said: "This flexibility allowed us to work longer on the network than had previously been allowed, with more efficiency and with less impact on the road users." In addition to this he highlighted that, "the trailers could be moved to various locations, giving enhanced snap shots of

specific areas. The benefits of this saved us 6 months on the project."

In fact, the project proved so successful that in 2008 Howard used the same solution at the Bell Common Tunnel project on the M25. "Using DRUM is a no-brainer. It gives me a greater ability to plan each working day more efficiently."

Howard is currently in the planning stages of the M1 managed motorway scheme between J10-13 and will again use DRUM to assist him.

So if you're looking for a fast, efficient and environmentally friendly way to speed up roadworks and traffic flow, work to the beat of the DRUM.

MTS
THE SIGN OF INTELLIGENCE

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